

WEST COAST

HORTICULTURE

FERTILIZERS & GROWING MEDIA



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H O R T I C U L T U R E

FERTILIZERS & GROWING MEDIA

West Coast Horticulture produces fertilizers and growing media for certified organic, conventional and hydroponic production. We carefully select the highest quality raw ingredients to make sure our products are pure, consistent, and free of unwanted impurities. No plant growth regulators, preservatives or colors are added.

West Coast Horticulture strives to minimize our environmental impact by promoting fertilizers made from renewable resources and using sustainable energy in our manufacturing processes. Our entire organic product line is listed with the Organic Material Review Institute (OMRI).

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MADE IN THE USA

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Grow A & B

TWO-PART VEGETATIVE GROWTH FORMULA

Grow Part A and Grow Part B make up a two-part formula designed for use during the vegetative growth phase. Grow A and Grow B are designed to produce vigorous, sturdy growth. This two-part formula is made from ultra-pure minerals. No colors, fillers or preservatives are added.

Using Grow A and Grow B in combination will provide all the required nitrogen, phosphorus, potassium, calcium, magnesium and micronutrients. No additional nutrients or additives are needed.

This product is easy to use: Simply mix equal amounts of Grow A and Grow B. No pH adjustment is necessary when mixed with most water sources.

See product label or AB Feed Schedules for usage rates.



GROW A:

Total Nitrogen (N)..... 5.0%
0.19% Ammoniacal Nitrogen
4.81% Nitrate Nitrogen
Soluble Potash (K₂O).....4.0%
Calcium (Ca).....3.0%
Derived from calcium ammonium nitrate and potassium nitrate



GROW B:

Available Phosphate (P₂O₅).....1.0%
Soluble Potash (K₂O).....1.0%
Magnesium (Mg).....0.5%
Derived from monopotassium phosphate and magnesium sulfate

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Bloom A & B

TWO-PART FLOWERING FORMULA

Bloom Part A and Bloom Part B make up a two-part formula designed to promote big yields and high-quality aromatic blooms. This two-part formula is made from ultra-pure minerals. No colors, fillers or preservatives are added.

Using Bloom A and Bloom B in combination will provide all the required nitrogen, phosphorus, potassium, calcium, magnesium and micronutrients. No additional nutrients or additives are needed.

This product is easy to use: Simply mix equal amounts of Bloom A and Bloom B. No pH adjustment is necessary when mixed with most water sources.

See product label or AB Feed Schedules for usage rates.



BLOOM A:

Total Nitrogen (N)..... 3.0%
0.12% Ammoniacal Nitrogen
2.88% Nitrate Nitrogen
Soluble Potash (K₂O).....6.0%
Calcium (Ca).....1.5%
Derived from calcium ammonium nitrate and potassium nitrate



BLOOM B:

Available Phosphate (P₂O₅).....3.0%
Soluble Potash (K₂O).....2.0%
Magnesium (Mg).....0.5%
Derived from monopotassium phosphate and magnesium sulfate

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Bloom Booster

SPECIALTY NUTRIENT FOR ENHANCING
BLOOM FORMATION

- Enhances bloom size, formation and aroma
- Formulated for use in soil, coco, soilless media and hydroponics

Bloom Booster is used to enhance flower formation, essential oil production and fragrance. This formula assists in the energy transfer from leaves to flowers. It also aids in plant respiration and nutrient transportation. Bloom Booster provides fully soluble phosphorus and potassium for enhanced bloom formation.

This formula is made from ultra-pure minerals. It contains no colors, fillers or preservatives.

Use West Coast Horticulture Bloom Booster with Bloom A and Bloom B. No pH adjustment is necessary when mixed with most water sources.

See product label or AB Feed Schedules for usage rates.



Available Phosphate (P_2O_5).....2.0%
Soluble Potash (K_2O).....1.0%
Derived from monopotassium phosphate

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Organic and Natural **Grow** **2-1-3**

FERTILIZER MADE FROM PLANT EXTRACT

- Promotes vigorous plant growth
- Provides natural Nitrogen, Phosphorus and Potassium
- Adds organic matter and carbon to soil
- Feeds soil microorganisms

Grow 2-1-3 contains organic nitrogen, phosphorous and potassium as well as naturally occurring humic acid and sugars. Grow 2-1-3 adds organic matter and sugars to condition the soil and to provide a carbon source that feeds beneficial soil microbes improving nutrient availability and plant growth.

When mixed with most water sources, it is not necessary to adjust pH prior to application, making the product easy to use. This fertilizer is plant derived and contains no animal products or pathogens.

This specialty fertilizer is designed for organic production and listed with the Organic Materials Review Institute (OMRI).

See product label or Organic Feed Schedule for usage rates.



Total Nitrogen (N)..... 2.0%
0.16% Ammoniacal Nitrogen
0.03% Nitrate Nitrogen
1.09% Other Water soluble Nitrogen
0.72% Water insoluble Nitrogen

Available Phosphate (P₂O₅).....1.0%
Soluble Potash (K₂O)..... 3.0%

Derived from fermented plant extract and potassium sulfate



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Organic and Natural

Bloom

2-2-4

FERTILIZER MADE FROM PLANT EXTRACT

- Promotes vigorous flowers and fruit
- Provides natural Nitrogen, Phosphorus and Potassium
- Adds organic matter and carbon to the soil
- Feeds soil microorganisms

Bloom 2-2-4 contains organic nitrogen, phosphorus and potassium as well as naturally occurring humic acids and sugars. Bloom 2-2-4 adds organic matter and sugars to condition the soil and to provide a carbon source that feeds beneficial soil microbes improving nutrient availability and plant growth.

When mixed with most water sources, it is not necessary to adjust pH prior to application, making the product easy to use. This fertilizer is plant derived and contains no animal products or pathogens.

This specialty fertilizer is designed for organic production and listed with the Organic Materials Review Institute (OMRI).

See product label or Organic Feed Schedule for usage rates.



Total Nitrogen (N).....	2.0%
0.16% Ammoniacal Nitrogen	
0.03% Nitrate Nitrogen	
1.09% Other Water soluble Nitrogen	
0.72% Water insoluble Nitrogen	
Available Phosphate (P ₂ O ₅).....	2.0%
Soluble Potash (K ₂ O).....	4.0%
Derived from fermented plant extract and potassium sulfate	



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Micronutrients

SPECIALTY LIQUID FORMULA

- Provides all essential micronutrients
- Designed for organic production
- For use in soil, coco and soilless media

Our liquid Micronutrient formula provides all the magnesium, boron, copper, iron, manganese, molybdenum and zinc needed to promote vigorous plant growth and robust bloom formation. Using this formula helps to insure all essential micronutrients are available.

This specialty fertilizer is designed for organic production and listed with the Organic Materials Review Institute (OMRI).

See product label or Organic Feed Schedule for usage rates.



Magnesium (Mg).....	0.5%
Boron (B).....	0.007%
Copper (Cu).....	0.007%
Iron (Fe).....	0.04%
Manganese (Mn).....	0.03%
Molybdenum (Mo).....	0.0008%
Zinc (Zn).....	0.01%

Derived from sodium borate, copper sulfate, iron sulfate, magnesium sulfate, manganese sulfate, sodium molybdate and zinc sulfate



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Calcium

LIQUID MINERAL FORMULA

- Promotes abundant roots, foliage and flowers
- Designed for organic production
- For use in soil, coco and soilless media

Calcium is an essential element for all stages of plant growth. It is a fundamental building block of plant structures, helping in the activation of enzymes and necessary for cell division. Calcium is a relatively immobile element within plant tissue and must be supplied continuously throughout the growing season to insure healthy development. This formula contains calcium in a highly available form helping to insure adequate calcium is available to the plant.

Compatible for mixing with most organic and inorganic fertilizers.

This specialty fertilizer is designed for organic production and listed with the Organic Materials Review Institute (OMRI).

See product label or Organic Feed Schedule for usage rates.



Calcium (Ca).....3.0%
Derived from calcium carbonate



Magnesium

LIQUID MINERAL FORMULA

- Promotes vigorous roots, foliage and flowers
- Enables optimal uptake and utilization of magnesium
- Designed for use in organic production
- For use in soil, coco, soilless media and hydroponics

West Coast Horticulture Magnesium is formulated to supply magnesium, in a fully soluble form. Essential for all stages of plant growth, magnesium forms the central core of the chlorophyll molecule and activates enzymes necessary for plant metabolism. Magnesium is a mobile element within the plant tissue. Chlorophyll production is decreased when magnesium is deficient, resulting in stunted growth and lower yields. This formula is designed to supply soluble magnesium, which helps prevent and correct deficiencies, improve plant vigor and boost yields.

Compatible for mixing with most organic and inorganic fertilizers.

This specialty formula is designed for organic production and is listed with the Organics Materials Review Institute (OMRI).

See product label or Organic Feed Schedule for usage rates.



Magnesium (Mg).....1.0%
Derived from magnesium sulfate



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Natural

Plant Growth Enhancer

0-0-2

NATURAL SPECIALTY NUTRIENT

FOR ENHANCING VEGETATIVE GROWTH AND BLOOM FORMATION

- Enhances vegetative growth, roots and blooms
- Aids in sugar production and transportation
- Readily available form of potassium and sulfur
- Designed for use in organic production

Natural Plant Growth Enhancer is used to promote robust vegetative growth, strong roots and foliage as well as larger and more aromatic blooms. It supplies a highly available form of potassium and sulfur. This formula aids in the production and transportation of sugars and nutrients throughout the plant and helps enhance vegetative growth, bloom size, oil production and flower quality.

Compatible for mixing with most organic and inorganic fertilizers.

This specialty fertilizer is designed for organic production and listed with the Organic Materials Review Institute (OMRI).

See product label or Organic Feed Schedule for usage rates.



Soluble Potash (K_2O).....2.0%
Derived from potassium sulfate



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Organic Bloom Booster

2-2-1

ORGANIC SPECIALTY NUTRIENT FOR ENHANCING BLOOM FORMATION

- Enhances bloom size, essential oils and fragrance
- Designed for use in organic production
- For use in soil, coco and soilless media
- Feeds soil microorganisms

Organic Bloom Booster 2-2-1 contains organic nitrogen, phosphorus and potassium as well as naturally occurring humic acid and sugars. Using organic Bloom Booster 2-2-1 adds NPK as well as organic matter and sugars to the soil. Adding organic matter and sugars helps condition the soil and provides a carbon source that feeds beneficial soil biology helping to improve nutrient availability and plant growth.

When mixed with most water sources, it is not necessary to adjust pH prior to application, making the product easy to use. This fertilizer is plant derived and contains no animal products or pathogens.

Compatible for mixing with most organic and inorganic fertilizers.

This specialty fertilizer is designed for organic production and listed with the Organic Materials Review Institute (OMRI).

See product label or Organic Feed Schedule for usage rates.



Total Nitrogen (N)..... 2.0%
0.16% Ammoniacal Nitrogen
0.03% Nitrate Nitrogen
1.09% Other Water soluble Nitrogen
0.72% Water insoluble Nitrogen

Available Phosphate (P₂O₅).....2.0%
Soluble Potash (K₂O).....1.0%
Derived from fermented plant extract



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All-Purpose **Organic Fertilizer** **7-2-1**

DRY AMENDMENT FOR USE IN SOIL AND TOP DRESSING APPLICATIONS

- Promotes vigorous roots, growth and blooms
- Provides fast and slow release nitrogen for sustained growth
- Supports beneficial soil organisms
- Improves soil texture and nutrient uptake

All-Purpose Organic Fertilizer 7-2-1 is a dry soil amendment derived from fermented grains. It contains both fast and slow release nitrogen as well as phosphorus and potassium. The 5% Humic Acid is produced naturally during the fermentation process. It does not contain any animal by-products, preservatives or fillers. This dry powder can be incorporated into any soil or soilless medium or used as a top dressing application. Apply 2 weeks before planting to allow the nutrients time to become available.



Total Nitrogen (N).....7.0%
1.48% Water Soluble Nitrogen
5.52% Water Insoluble Nitrogen
Available Phosphate (P_2O_5).....2.0%
Soluble Potash (K_2O).....1.0%

Derived from fermented grain

CONTAINS NON-PLANT FOOD INGREDIENT:
5.0% Humic Acid from Fermented Grain

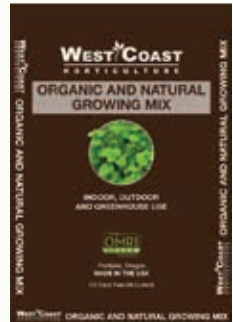
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Growing Media

ORGANIC & NATURAL GROWING MIX

Our Organic & Natural Growing Mix is designed for use with most organic and conventional fertilizers. This mix is made from aged forest humus, peat moss, perlite, green compost, calcium lime stone, dolomite and gypsum. It is scientifically formulated to provide an optimum balance of drainage, aeration, and moisture holding properties. The addition of our premium green compost provides beneficial microbial organisms. This mix is buffered to help keep pH in the correct range. Formulated for use in potted containers, raised beds and hydroponic applications.



COCO COIR

Our Coco Coir provides an optimum balance of drainage, aeration and moisture holding properties. We carefully select only the highest quality coco coir. It is thoroughly rinsed to insure low sodium content and buffered to help keep pH in the correct range. Our Coco Coir is designed for use with most organic or conventional fertilizers. Formulated for use in potted containers, raised beds and hydroponic applications.



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ALL-PURPOSE FERTILIZER

MADE FROM GRAIN FERMENTATION SOLUBLES

2-2-2

- Designed for both vegetative and flowering phases.
- Supplies organic and natural Nitrogen, Phosphorus and Potassium
- Can be used with injection and drip irrigation systems
- Simple and easy to use
- Economical

All-Purpose Fertilizer 2-2-2 is designed with the commercial grower in mind. For use in both vegetative and flowering stages eliminating the need to use separate formulas for each stage of growth. All-Purpose Fertilizer contains organic nitrogen, phosphorous and potassium as well as naturally occurring humic acid and sugars that condition the soil and provide a carbon source that feeds beneficial microbes improving nutrient availability and plant growth. Can be used with injection and drip irrigation systems.

When mixed with most water sources, it is not necessary to adjust pH prior to application, making the product easy to use. This fertilizer is plant derived and contains no animal products or pathogens.

This specialty fertilizer is designed for organic production.



Total Nitrogen (N)..... 2.0%
1.58% Other Water soluble Nitrogen
0.62% Water insoluble Nitrogen
Available Phosphate (P_2O_5)..... 2.0%
Soluble Potash (K_2O)..... 2.0%
Derived from fermented grain solubles
Contains non-plant food ingredient:
0.5% Humic Acid from grain fermentation solubles



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NEEM CAKE

6-1-2

MADE FROM COLD PRESSED NEEM SEEDS

Neem Cake 6-1-2 is derived exclusively from organically grown cold pressed seeds of the Neem Tree (*Azadirachta Indica*). A highly effective natural fertilizer and soil amendment used to increase mineral content and organic matter in soil. Neem Cake can be premixed into soil, top dressed or made into a tea for liquid feeding.



GUARANTEED ANALYSIS:

Total Nitrogen (N)	6.0%
Available Phosphate (P_2O_5)	1.0%
Soluble Potash (K_2O)	2.0%

FEED SCHEDULE

AB: Drain to Waste Systems

Volumes are measured in milliliters per gallon.

CONVERSION TABLE

5 ml = 1 teaspoon
 15 ml = 1 tablespoon
 3,785 liters = 1 gallon
 20 ml = 4 teaspoons
 30 ml = 1 ounce = 2 tablespoons
 1 liter = 0.264 gallon

	VEGETATIVE PHASE				BLOOM PHASE								
	week 1	week 2	week 3	week 4	week 1	week 2	week 3	week 4	week 5	week 6	week 7	week 8	
Required FERTILIZERS													
Grow A	15ml	15ml	15ml	15ml	-	-	-	-	-	-	-	-	-
Grow B	15ml	15ml	15ml	15ml	-	-	-	-	-	-	-	-	-
Bloom A	-	-	-	-	15ml	15ml	15ml	15ml	15ml	15ml	15ml	15ml	15ml
Bloom B	-	-	-	-	15ml	15ml	15ml	15ml	15ml	15ml	15ml	15ml	15ml
Recommended SUPPLEMENTS													
Bloom Booster	-	-	-	-	-	-	-	-	5ml	5ml	5ml	5ml	5ml
Calcium	-	-	-	-	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml
Magnesium	-	-	-	-	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml
Natural Plant Growth Enhancer	-	-	-	-	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml
EC & PPM Readings	PPM is based on ECx500												
EC	-	-	-	-	1.6-2.4	1.6-2.4	1.7-2.5	1.7-2.5	1.7-2.5	1.7-2.5	1.7-2.5	1.7-2.5	1.7-2.5
PPM	-	-	-	-	800-1200	800-1200	850-1250	850-1250	850-1250	850-1250	850-1250	850-1250	850-1250

FEED SCHEDULE

AB: Recirculating Systems

Volumes are measured in milliliters per gallon.

CONVERSION TABLE

5 ml = 1 teaspoon
 15 ml = 1 tablespoon
 3.785 liters = 1 gallon
 20 ml = 4 teaspoons
 30 ml = 1 ounce = 2 tablespoons
 1 liter = 0.264 gallon

	VEGETATIVE PHASE				BLOOM PHASE								
	week 1	week 2	week 3	week 4	week 1	week 2	week 3	week 4	week 5	week 6	week 7	week 8	
Required FERTILIZERS													
Grow A	20ml	20ml	20ml	20ml	-	-	-	-	-	-	-	-	-
Grow B	20ml	20ml	20ml	20ml	-	-	-	-	-	-	-	-	-
Bloom A	-	-	-	-	20ml	20ml	20ml	20ml	20ml	20ml	20ml	20ml	20ml
Bloom B	-	-	-	-	20ml	20ml	20ml	20ml	20ml	20ml	20ml	20ml	20ml
Recommended SUPPLEMENTS													
Bloom Booster	-	-	-	-	week 1	week 2	week 3	week 4	week 5	week 6	week 7	week 8	week 8
Calcium	-	-	-	-	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml
Magnesium	-	-	-	-	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml
Natural Plant Growth Enhancer	-	-	-	-	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml	5ml
EC & PPM Readings	PPM is based on ECx500												
EC	-	-	-	-	1.7-2.6	1.7-2.6	1.8-2.7	1.8-2.7	1.8-2.7	1.8-2.7	1.8-2.7	1.8-2.7	1.8-2.7
PPM	-	-	-	-	850-1300	850-1300	900-1350	900-1350	900-1350	900-1350	900-1350	900-1350	900-1350



ORGANIC FEED SCHEDULE

CONVERSION TABLE

- 5 ml = 1 teaspoon
- 15 ml = 1 tablespoon
- 20 ml = 4 teaspoons
- 30 ml = 1 ounce = 2 tablespoons
- 1 tablespoon = 3 teaspoons
- 3.785 liters = 1 gallon
- 1 liter = 0.264 gallon

		VEGETATIVE PHASE								BLOOM PHASE							
		week 1	week 2	week 3	week 4	week 1	week 2	week 3	week 4	week 5	week 6	week 7	week 8				
Required	FERTILIZERS	15-30ml	15-30ml	15-30ml	15-30ml	-	15-30ml	15-30ml	15-30ml	15-30ml	15-30ml	15-30ml	15-30ml	-	-		
Recommended	SUPPLEMENTS	5ml	5ml	5ml	5ml	10ml	10ml	10ml	10ml	5ml	5ml	5ml	5ml	5ml	5ml		

Note: Volumes are measured in milliliters per gallon.

No pH adjustment is required, except when mixed with hard water (pH > 7.5).

AVAILABLE SIZES

LIQUID FERTILIZERS



DRY AMENDMENT



GROWING MEDIA



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